

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF NONINVASIVE DETECTORS FOR BOTH EASTBOUND AND WESTBOUND US 50 BUSINESS AT MD 346 (EAST MAIN STREET) AND THE REPLACEMENT OF THE EXISTING INTERCONNECT TO THE TRAFFIC SIGNAL AT US 50 BUSINESS AT CIVIC AVE. TO THE EAST AND TO THE TRAFFIC TRAFFIC SIGNAL AT US 50 BUSINESS AND TRUITT ST. TO THE WEST IN WICOMICO COUNTY.

II. INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA SIX-PHASE, FULL-TRAFFIC-ACTUATED MODE. THERE IS EXCLUSIVE/PERMISSIVE LEFT TURN PHASING FOR BOTH APPROACHES OF US 50 BUSINESS. THE US 50 BUSINESS THROUGH MOVEMENTS OPERATE CONCURRENTLY. THE MD 346 THROUGH MOVEMENTS OPERATE CONCURRENTLY WITH AN ALTERNATE PEDESTRIAN PHASE FOR THE WEST LEG OF THE INTERSECTION. THERE IS EMERGENCY VEHICLE PRE-EMPTION FOR BOTH DIRECTIONS OF US 50 BUSINESS. THIS INTERSECTION IS HARDWARE INTERCONNECTED TO THE EAST (CIVIC AVE.) AND TO THE WEST (TRUITT ST.).

EQUIPMENT LIST FOR CONTRACT NO. XX2245185

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM	QUANTITY	UNIT	DESCRIPTION
6004	80	SF	5 INCH CONCRETE SIDEWALK
8027	6	EA	NONINVASIVE DETECTOR, UP TO 1000 FOOT LEAD IN CABLE
8041	300	LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCHES - BORED
8043	800	LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCHES - TRENCHED
8054	9	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE

NOTE: THE QUANTITY FOR THE 12-PAIR INTERCONNECT IS CONTAINED IN THE INTERCONNECT PLANS PREPARED FOR THIS PROJECT.

CONTACTS

The contact persons are:

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Assistant District Engineer - Traffic  
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Mr. Hicham Baassari  
Assistant District Engineer - Const.  
Phone: 410-677-4020

Mr. James Wright  
Assistant District Engineer - Maint.  
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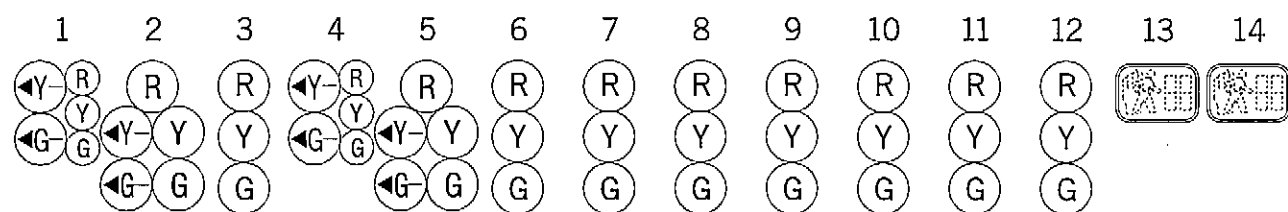
Mr. Bruce W. Poole  
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Mr. Richard L. Daff, Sr.  
Chief, Traffic Operations Division  
Phone: (410) 787-7630

Mr. Edward Rodenhizer  
Chief SHA Traffic Signal Shop  
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Mr. Rodney Bone  
The Power Company Representative  
Phone: (410) 860-6292

PHASE CHART

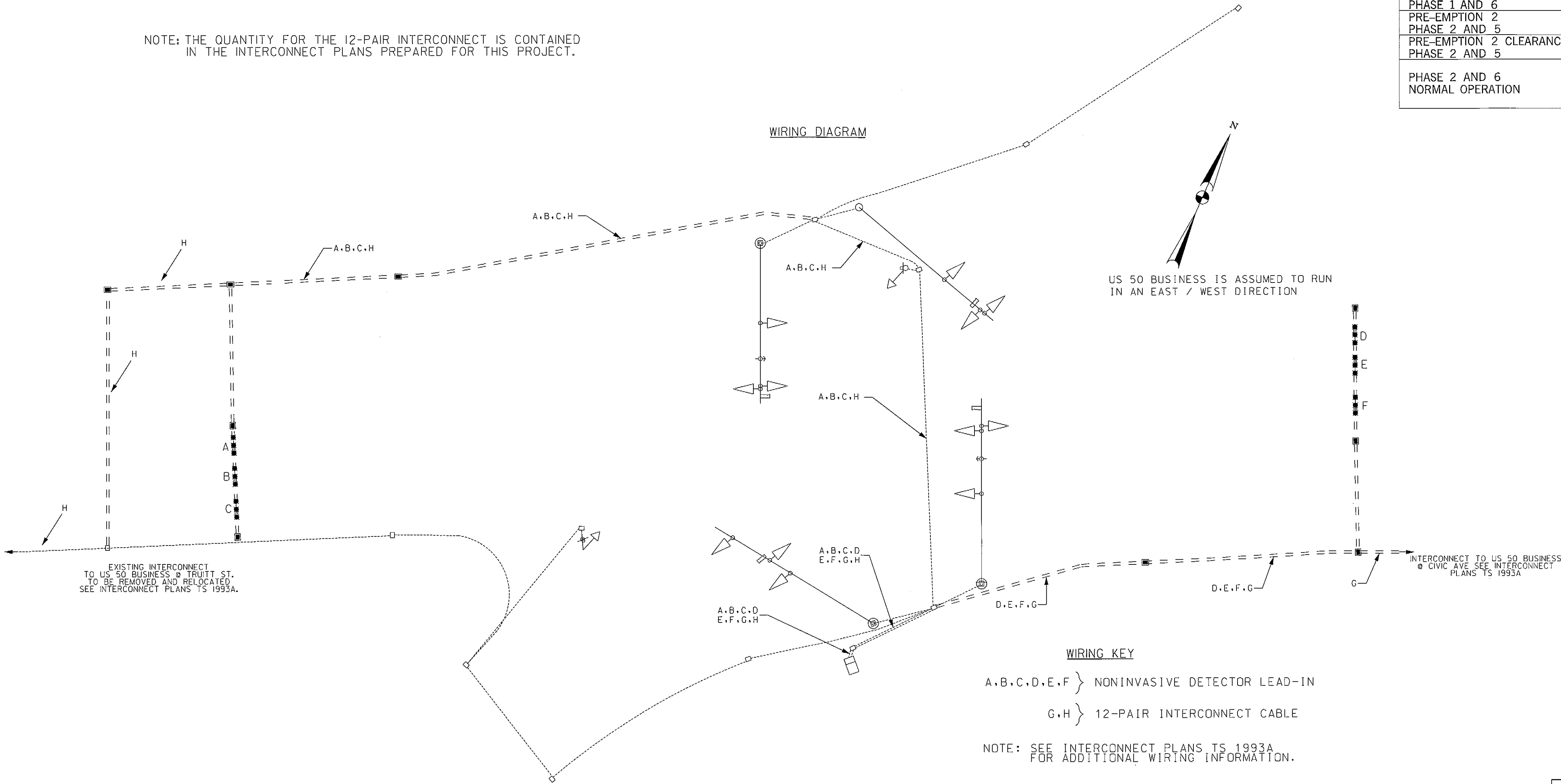


PHASE 1 AND 5	←GR	←GR	R	←GR	←GR	R	R	R	R	R	R	R	R	DW	DW	
1 AND 5 CHANGE TO 1 AND 6, 2 AND 5, OR 2 AND 6																
PHASE 1 AND 6	←GG	←GG	G	R	R	R	R	R	R	R	R	R	R	DW	DW	
1 AND 6 CHANGE	←YG	←YG	G	R	R	R	R	R	R	R	R	R	R	DW	DW	
PHASE 2 AND 5	R	R	R	←GG	←GG	G	R	R	R	R	R	R	R	DW	DW	
2 AND 5 CHANGE	R	R	R	←YG	←YG	G	R	R	R	R	R	R	R	DW	DW	
PHASE 2 AND 6	G	G	G	G	G	G	R	R	R	R	R	R	R	DW	DW	
2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	R	DW	DW	
PHASE 4 AND 8	R	R	R	R	R	R	G	G	G	G	G	G	G	DW	DW	
4 AND 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	Y	DW	DW	
PHASE 4 AND 8 ALT	R	R	R	R	R	R	G	G	G	G	G	G	G	WK	WK	
PED CLEARANCE	R	R	R	R	R	R	G	G	G	G	G	G	G	FL/DW	FL/DW	
4 AND 8 ALT CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	Y	DW	DW	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	

EMERGENCY VEHICLE PRE-EMPTION

PRE-EMPTION 1 PHASE 1 AND 6	←GG	←GG	G	R	R	R	R	R	R	R	R	R	R	DW	DW	
PRE-EMPTION 1 CLEARANCE PHASE 1 AND 6	←YG	←YG	G	R	R	R	R	R	R	R	R	R	R	DW	DW	
PRE-EMPTION 2 PHASE 2 AND 5	R	R	R	←GG	←GG	G	R	R	R	R	R	R	R	DW	DW	
PRE-EMPTION 2 CLEARANCE PHASE 2 AND 5	R	R	R	←YG	←YG	G	R	R	R	R	R	R	R	DW	DW	
PHASE 2 AND 6 NORMAL OPERATION	G	G	G	G	G	G	R	R	R	R	R	R	R	DW	DW	

WIRING DIAGRAM



WIRING KEY

A.B.C.D.E.F } NONINVASIVE DETECTOR LEAD-IN  
G.H } 12-PAIR INTERCONNECT CABLE

NOTE: SEE INTERCONNECT PLANS TS 1993A FOR ADDITIONAL WIRING INFORMATION.

TOD NO:XX224-04  
SHA NO:WI403A51/C51  
US 50 BUS. @ CIVIC AVENUE



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

US 50 BUS. (SALISBURY PKWY) AT MD 346 (EAST MAIN ST)  
SALISBURY, MD

GENERAL INFORMATION PLAN SHEET

SCALE	NTS	DATE	08/2009	CONTRACT NO.	XX2245185
DESIGNED BY	XM	COUNTY	WICOMICO		
DRAWN BY	XM	L'G/MILE	22B05004.39		
CHECKED BY	JB	TIMS NO.	J673		
F.A.P. NO.		TOD NO.			
TS NO.	1970G	DRAWING	- 2 OF 2	SHEET NO.	2 OF 2



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PLOTTED: Tuesday, October 06, 2009 AT 03:42 PM  
FILE: P:\09-002 TEDD\Task 10 US 50 @ Main St\Drawings\CADD\Working\UGG-P000\_US50@MainSt.dgn